

REMARKS/ARGUMENTS

Applicants submit that claims 1-10, 12-29, and claims 39 read on species III. Of those claims, claims 1 and 19 are believed to be generic.

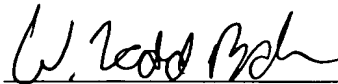
Regarding the amendment to the specification and claim 28, no new matter has been added.

Applicants would like to point out that the Figures 4, 7, 9, and 14 are schematics of examples of the embodiments of the present invention. The locations of the CC-layer structures with respect to the free and pinned layer structures can be replaced by the locations with respect to the pinned layer structure and the free layer structure in most cases with a minor change in the effect to the GMR effect due to the almost symmetric nature of the contribution of each magnetic layer structure to the GMR effect, which is clearly seen in Figs. 3, 5, and 6. That is, the exchange of the free and pinned layer does not result in a material difference concerning the effect on the GMR effect. The CC-layer structure shown in Figs. 7, and 9 can also be replaced by a CC-layer structure with a slit or a plurality of slits, and also by mosaic structures made of the parts of conductive and insulating nature.

An early and favorable action is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



J. Derek Mason  
Attorney of Record  
Registration No. 35,270

Customer Number

**22850**

Tel: (703) 413-3000  
Fax: (703) 413 -2220  
(OSMMN 06/04)

W. Todd Baker  
Registration No. 45,265